

WEST

(513) 379-5846

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L8: Entry 7 of 9

File: DWPI

Sep 10, 1986

DERWENT-ACC-NO: 1986-281094
DERWENT-WEEK: 198643
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TITLE: Rice blast controlling agent contg. - 9-hydroxy:octa:deca-N-ene-12-yne:carboxylic acid methyl ester as active component

PRIORITY-DATA: 1985JP-0045630 (March 7, 1985)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 61204105 A	September 10, 1986		003	

INT-CL (IPC): A01N 37/36

ABSTRACTED-PUB-NO: JP 61204105A
BASIC-ABSTRACT:

Rice blast controlling agent contg. as active component 9-hydroxyoctadeca-10-ene-12-ynecarboxylic acid methyl ester of formula (I).

(I) includes optical isomers based on asymmetric carbon at 9-position and geometric isomers based on double bond at 10-position. (I) can be formulated as emulsifiable concentrate, wettable powder, flowable, granule, etc. by mixing with solid carrier, liq. carrier, surfactant and other aids. Prepn. contains 0.1-99.9 wt.%, pref. 1-99 wt.% of (I). It is possible to use (I) in combination with fungicide (e.g., thiuram, dithianovalidamycin A, polyoxin), insecticide (e.g., malathion, NAC, BPMC), herbicide, fertiliser, etc.. (I) shows 78.2% control, 84.0% control and 96.6% control at 125 ppm, 250 ppm and 550 ppm respectively. Carriers are e.g. solid carriers are kaoline, clay, bentonite, talc, diatomaceous earth, urea, ammonium sulphate, synthetic hydrated silicon oxide, etc.. Liq. carriers are e.g. xylene, isopropanol, ethyleneglycol, etc.; acetone, cyclohexanone and like ketone; soybean oil, cotton seed oil and like vegetable oil; dimethylsulphoxide; acetonitrile, water etc.. Surfactant is e.g. anionic surfactants e.g. alkyl(aryl) sulphonate, dialkylsulphosuccinate, polyoxyethylenealkylalkyl ether phosphate, naphthalenesulphonic acid-formaline condensate, etc.. Nonionic surfactants are e.g. polyoxyethylenealkylether, polyoxyethylene, sorbitan fatty acid ester, etc..

ADVANTAGE - (I) is particularly effective in control of rice leaf blast, and does not show phytotoxicity to rice.

Set Name Query

side by side

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result set

DB=DWPI; PLUR=YES; OP=ADJ

<u>L15</u>	l10 and l11 and l12 and l13 and L14	3	<u>L15</u>
<u>L14</u>	plant or crop or flower or tree	293285	<u>L14</u>
<u>L13</u>	foam	133362	<u>L13</u>
<u>L12</u>	L6 or foam\$4 agent	128435	<u>L12</u>
<u>L11</u>	L5 or emulsifier or surfactant or emulsifying agent	161358	<u>L11</u>
<u>L10</u>	L1 or vegetable oil	13873	<u>L10</u>
<u>L9</u>	L1 and vegetable oil	911	<u>L9</u>
<u>L8</u>	l1 and l5 and l6 and L7	9	<u>L8</u>
<u>L7</u>	pesticide or herbicide or insecticide or fungicide or plant growth or sodium (2a) laurylsulfate or sodium (2a) lauryl sulfate or \$4ethanolamine or \$4ethanol amine	94872	<u>L7</u>
<u>L6</u>	quaternary ammonium or quaternary amine or amine oxide or amineoxide or alkylsulfate or alkyl sulfate or alkylsulfonate alkyl sulfonate or arylsulfonate or aryl sulfonate or protein or oxyalkylate or oxy alkylate	111683	<u>L6</u>
<u>L5</u>	l2 or l3 or l4	68368	<u>L5</u>
<u>L4</u>	\$4ethoxylate or \$4propoxylate or \$4butoxylate or sulfonate	28488	<u>L4</u>
<u>L3</u>	EO or PO or \$4ethylene oxide or \$4ethyleneoxide or \$4propylene oxide or \$4propyleneoxide or \$10sulfonate	44079	<u>L3</u>
<u>L2</u>	ethoxylate or propoxylate or butoxylate or sulfonate	28663	<u>L2</u>
<u>L1</u>	soy\$3 oil or coconut oil or coco nut oil or cottonseed oil or cotton seed oil or palm oil or rapeseed oil or rape seed oil or sunflower oil or sun flower oil	5917	<u>L1</u>

END OF SEARCH HISTORY

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PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 61204105 A	September 10, 1986		003	

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